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Harmon

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(54) **ELECTRONIC DEVICE WITH HINGE AND CORRESPONDING SYSTEMS AND METHODS**

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See application file for complete search history.

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(57) **ABSTRACT**

An electronic device includes a first device housing and a second device housing. A hinge couples the first device housing to the second device housing. The first device housing is pivotable about the hinge relative to the second device housing. The hinge includes a cam, which can be shaped like the head of a cat. A first follower is biased against a first side of the cat head shaped cam by a first spring disposed between the first follower and the first device housing. A second follower is biased against a second side of the cat head shaped cam by a second spring disposed between the second follower and the second device housing.

20 Claims, 10 Drawing Sheets